Title (en)
ADAPTIVE UPSAMPLING FOR SPATIALLY SCALABLE VIDEO CODING

Title (de)
ADAPTIVES UPSAMPLING ZUR SKALIERBAREN VIDEOKODIERUNG

Title (fr)
SURÉCHANTILLONNAGE ADAPTATIF POUR CODAGE VIDÉO SPATIALEMENT ÉVOLUTIF

Publication
EP 2735159 A1 20140528 (EN)

Application
EP 12756259 A 20120720

Priority
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Abstract (en)
[origin: WO2013011494A1] A signal processor selects an element from a rendition of a signal at a first level of quality to upsample into multiple elements of a rendition of the signal at a second (higher) level of quality. The signal processor produces a metric based on settings of elements in a vicinity of the selected element in the rendition of the signal at the first level of quality. The metric defines a boundary between a first set of elements in a vicinity of the selected element and a second set of elements in a vicinity of the selected element. The signal processor utilizes the metric to calculate settings for the multiple elements in the signal at the second level of quality. A location and orientation of the boundary with respect to the selected element depends on the settings of elements in the vicinity of the selected element.

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H04N 7/26; H04N 7/46; H04N 7/50

IPC 8 full level
G06T 3/40 (2006.01)

CPC (source: EP US)
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See references of WO 2013011494A1

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DOCDB simple family (publication)
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